

B.C.A. DEGREE EXAMINATION – NOVEMBER 2015
FIFTH SEMESTER

ROLL NO: _____

COURSE : MAJOR CORE

PAPER : VISUAL PROGRAMMING

TIME : 30 MINUTES

MAX. MARKS: 20

SECTION - A

ANSWER ALL THE QUESTIONS:

20x1=20

TO BE ANSWERED ON THE QUESTION PAPER ITSELF

Choose the correct answer

1. _____ conversion function can be used when a specific conversion function is not known.
a. CGen b. CFunc c. CType d. CConvr
2. An array is a collection of objects of the same type, conveniently packaged in an indexed, sortable, and searchable construct.
a. True b. False
3. _____ control appears in two parts, text box and a list box.
a. List Box b. Combo Box c. Check Box d. Text Box
4. A timer can also be used to raise events at regular intervals.
a. True b. False
5. A _____ control is used as a label to other controls and also doubles up as a hyperlink.
a. Label b. LinkLabel c. ToolTip d. Link
6. _____ provides a container to store images.
a. PictureBox b. ImageList c. ImageStore d. Icons
7. The header file that must be imported for using cookies is _____.
a. System.Net b. System.Cookie c. System.State d. System.Data
8. Users can define their own validation scheme by using _____ validator.
a. Scheme b. Range c. Validate d. Custom
9. _____ object is used to quickly read data after executing command object.
a. DataReader b. DataAdapter c. DataView d. DataRetrieve

10. A _____ control is paired with ListBox, DropDownList and GridView.
a. DetailView b. TableView c. FormView d. ListView

Fill in the blanks:

11. _____ data structure is a collection of objects of the same type.
12. Explicit declaration of all variables in the class is forced by _____ option.
13. _____ control presents a set of two or more mutually exclusive choices to the user.
14. Programmatic date formatting is accomplished using _____ control.
15. _____ exception occurs when something is declared incorrectly and the compiler does not realize it.
16. _____ control can be used as an alternative for Label control.
17. Server controls in ASP.NET are _____ and _____.
18. Session state is configured through _____ file for an application.
19. DataSets contain DataTables and _____.
20. _____ ADO.NET object is used to connect to the database.

STELLA MARIS COLLEGE (AUTONOMOUS), CHENNAI – 600 086
(For Candidates admitted during the academic year 2011-12 & thereafter)
SUBJECT CODE: 11CS/MC/VP54

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TIME : 2 HOURS & 30 MINUTES **MAX. MARKS: 80**

SECTION - B

Answer all the questions: **(5 x 2 = 10)**

1. Differentiate structured programming and object oriented programming.
2. What is an ImageList?
3. What is MDI? List its components.
4. Write a note on CLR.
5. List the ADO.Net data namespaces.

SECTION - C

Answer any eight of the following: **(8 x 5 = 40)**

6. Elucidate decision making statements.
7. Explain access modifiers with examples.
8. Spell out the functionalities of ListBox, CheckedListBox and ListView.
9. Describe keyboard and mouse events.
10. Enumerate and explain the reasons for exceptions to be raised.
11. Explain creating and adding menu items programmatically with suitable examples.
12. Give a brief explanation on validation controls.
13. Describe types of List control in web application.
14. Explain generation of crystal reports.
15. Describe FormView control.

SECTION - D

Answer any three of the following: **(3 x 10 = 30)**

16. Give an explanation on arithmetic and assignment operators with suitable examples.
17. List the presentation and informational controls and specify their purpose.
18. Explain Try-Catch and Finally statements in exception handling.
19. Elucidate cookie and session state.
20. Describe ADO.NET objects.
